

# THE CATALOG™

QUALITY ATARI SOFTWARE

NEW  
ST SOFTWARE!  
(See Page ST 12)

WINTER 1987 \$2.00

Cover art created with CAD-3D and HP plotter.

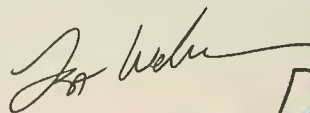
## ONE WEEK TURNAROUND! NO KIDDING.

**IF YOU WANT SOMETHING DONE RIGHT, DO IT YOURSELF.** When we started The Catalog, we knew our products would be popular—but not *this* popular! Orders poured in at such a rate that we hired outside product distribution companies to fill them and ship the products. Big mistake. Those companies were hundreds of miles away. They didn't know our products and, more importantly, they didn't know our customers. Orders just weren't getting filled fast enough.

So we brought it all home. We completely revamped the Antic product fulfillment department, doubled the customer service team, built several hundred shelves in the basement and filled them with our products. And now, when you order a Catalog product, we *take care of the whole thing in house*. When you talk to one of our customer service people on the phone and they tell you that your product has been shipped, you can be sure that it has—because *they* shipped it. These are Antic people. They know their products and they care about their customers.

Since starting our new system, we've found we can turn around most orders in one or two days. But we don't want to make any unrealistic claims. So, how about one week? We promise to fill your order and send it out the door one week from the time we receive it. And you can take that to the bank.

Lisa Wehrer  
Manager, Consumer Services



**NEW!**



## YOUR ATARI WILL PAY FOR ITSELF BEFORE APRIL 15th

### THE TAX ADVANTAGE™

by Double Eagle Software, Inc.  
(no longer sold by Continental/Arrays)

Hands down, this is the most *useful* program you will buy for your 8-bit Atari this year. THE TAX ADVANTAGE is the award-winning tax software that has been on the Softsel and Billboard best-seller lists for *four years*. It's so good our *accountant* uses it to prepare *his* taxes! Here are some of the special features you can expect:

- Directly supports Forms 1040, 2106, 2441, 4562, 6251, and schedules A, B, C, D, E, G, SE, and W. Indirectly supports all other Forms.
- Interactive recalculation at *any time!*
- *What-if* mode displays tax consequence of any *projected*

action alongside the original amount.

- Printouts have been *approved* for submission to the IRS.
- Three Schedule C's are provided for three businesses.
- Supports over 235 printers by 50 manufacturers.
- 80-page illustrated manual.
- Accepts financial data from The Home Accountant.
- Demonstration tax return included on-disk.

"...reasonably priced, easy to use, ...and... can satisfy a majority of taxpayers." —*Infoworld Magazine*

### THE TAX ADVANTAGE

Atari 800/XL/XE

TH0007

\$59.95 (avail. Jan. '87)

Atari 520ST/1040ST

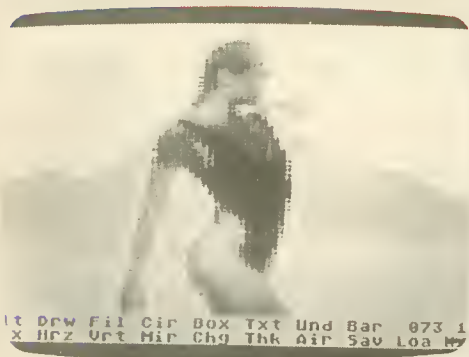
TH9019

\$59.95 (avail. Feb. '87)

# RAMbrandt

## Atari Design Studio

**BEST  
SELLER!**



### All-time best-selling Atari paint Program

by Bard Ermentrout

Imagine . . . the ultimate paint software. For under \$20! Sit down with RAMbrandt and enter a design studio with the tools to make anyone a creative artist. It took our technical staff three hours to step through each of RAMbrandt's features. Use the built-in toolkit to enhance your own programs or picture files. Or just doodle for the joy of it! We barely have enough room to list all the power, but here goes:

- 5 graphics modes (7, 7+ (ANTIC E), and GTIA 9, 10, 11)
- Works with joystick, Koala Pad/Touch Tablet or both
- Horizontal and vertical coordinates always displayed
- Box, Circle/Ellipse, Rubber band line, Freehand plot, Text (4 sizes, any

font—3 fonts included), Zoom, Mirror (vertical, horizontal, 4 way)

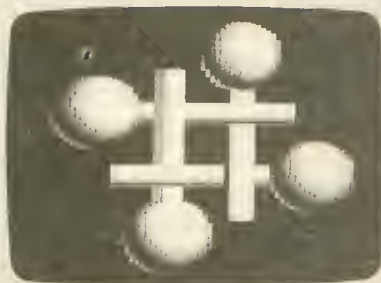
- Fill (solid, pattern, random, user-defined patterns)
- Unlimited user-defined brushes (5 pre-defined)
- Quilts and Tiles (user-definable color patterns—5 of each pre-defined)
- Paint or Fill with any pattern, quilt, tile, or font
- 128 colors in any mode with easy one key DLI access
- Random/Probability/Exclusive-Or/Transparent "colors"
- Color Hunt mode (paint over only the color you choose)
- Animate mode (up to 32 frames at any speed)
- Window mode—any or all of your

picture: Rotate, vertical or horizontal flip (T-shirts), wipe, animate, scale (larger or smaller), cut and paste, rubber stamp

- Printer dumps for Epson, Star (Gemini), C. Itoh, NEC and compatibles
- Okimate 10 color printer dump supports color fine-tuning
- Load pictures from Moviemaker, Microillustrator, Micropainter, and ComputerEyes formats
- 130XE RAMdisk Support!

**REQUIRES: One Joystick and/or Koala Pad or Atari Touch Tablet AP0157 \$19.95**  
**FREE BONUS! Order now and get a FREE DISK of pictures and extra character fonts.**

**Don't miss the RAMbrandt COLLECTION (PD0073—Page 15), a slide show for your RAMbrandt pictures with ten different special effects.**



A 3-D Solid Object Modeler for RAMbrandt

### SOLID OBJECT MODULE

by Bard Ermentrout

Now you can easily create 3-D objects with RAMbrandt. Start with 8 different primitives: Sphere, Torus, Cylinder, Spool, etc. Combine them to make complex structures. Then flip into RAMbrandt to complete your picture. This module will not rotate the objects, but it will do just about

everything else: 4, 8, or 16 level grayscale. Halftones (random or up to 64 dithered patterns). Backlighting or point source lighting. Clipping window to use parts of objects. Undo command. Much, much, more. If you use RAMbrandt, you need the Solid Object Module.

**REQUIRES: 48 K RAM, RAM-brandt AP0182 \$15.95**

# ★ TRAVEL TO THE STARS! ★

"Feed your imagination a banquet!"

Perfect for Geography, Science, HAM Radio, History, Current Events.

## EARTH VIEWS

by R.G. Wilson

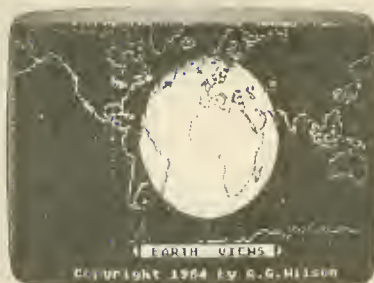
EARTH VIEWS is a WORLD ATLAS—an electronic GLOBE—an exciting adventure GAME. Yes, its all three in one. Call up 250,000 different maps and views of the Earth instantly. Includes detailed hi-res maps and projections linked to a "Gazeteer of WORLD PLACE NAMES.

In the GAME: you fly into the Ber-



Mercator Projection

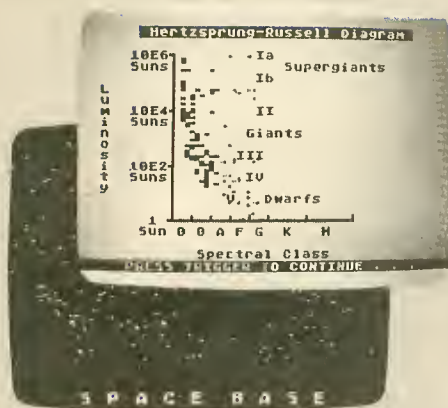
muda Triangle and go on quests to exciting places. Detailed screens display longitude and latitude, lots of



Rotating Globe

colorful information. **REQUIRES:** Joystick **AP0141**

\$19.95



## SPACE BASE

by Jeff Mehlman

SPACE BASE is a computer-referenced SKY ATLAS—SPACE BASE is a STELLAR INFORMATION DATA BASE—SPACE BASE is a complete, instant ASTRONOMY REFERENCE SOURCE! SPACE BASE is ALL THREE! In ONE PROGRAM! Features include: Cursor movement over giant 9-foot by 3-foot scrolling color star map. Get star data: Name, Right Ascension, Declination, distance from Earth, parallax, radial velocity,

magnitudes, spectral type, color index, and more! Colorful screen chart shows where each star fits into the Hertzsprung-Russell Diagram. Study deep sky objects: diffuse nebulae, planetary nebulae, open clusters, globular clusters, many types of galaxies. Border of screen is the "color" of that star! A must if you own a telescope. A valuable addition to your library of learning software.

**REQUIRES:** 48K RAM, One joystick **AP0142**

\$19.95

Simulate a trip to the Moon.

## ORBIT—A TRIP TO THE MOON BEST SELLER!

by John D. Reagh

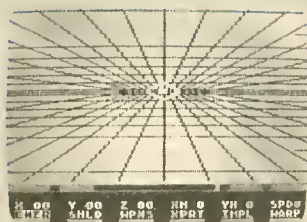
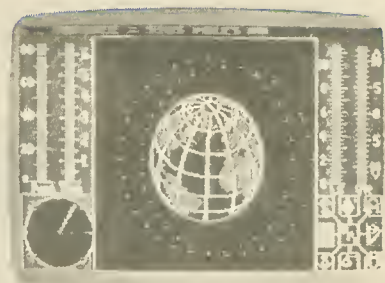
Dock with the Space Station to get supplies, then head for the Moon. Establish a low altitude orbit, detach the landing module and descend to the lunar surface. This is a serious simulation of a true mission. Fuel consumption, life support systems,

orbital position, altitude, rocket burn time, thrust vectors, radial velocities, orbital constants—keep track of them all. On-board ship's computer instantly plots new courses.

Designed and written by a Lockheed aerospace engineer. Complete with documentation that's educational too.

**REQUIRES:** Joystick **AP0168**

\$15.95



Star Raiders was a great game. . . for its time.

## XTAL (CRYSTAL)—AN ADVENTURE IN SPACE

by Dave Reese

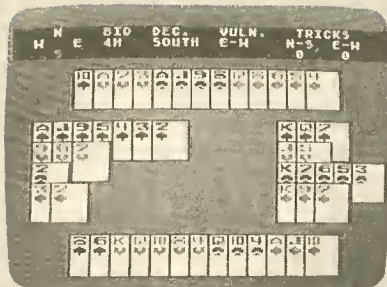
A planet-threatening Ion Radiation storm has developed in the peaceful

Canasian section. Your mission: destroy that storm.

The EXCALIBUR comes equipped with impulse and warp drives, transporters, phasers, communicators, shields, quadrant map display, and a spectacular 3D cockpit/navigation viewscreen.

**AP0158** Star Raiders® Atari Corp.

\$15.95



The card game of royalty . . . and society.

**BLUE TEAM BRIDGE**

by Walt Huber

A complete, tournament-level computerized bridge simulation. Now you can learn to play and play more often. Improve your game.

New players can learn to play right.

Intermediate players can learn an advanced style of bidding. Advanced players can learn new bidding conventions to sharpen their skill. All will have a worthy competitor when you "can't get a foursome together." Your favorite game is always at your fingertips.

**REQUIRES:** Joystick  
AP0178

\$15.95

Great moves . . . for all level players.

**COLOSSUS CHESS 3.0**

The Ultimate Computer Chess.

by Martin Bryant,  
English Software UK

**BEST SELLER!**

Here's a chess program with all the moves of a chess master, a great chess tutor or a master tournament opponent. Whether you're a beginner or a pro, COLOSSUS CHESS 3.0 is for you.

Dare to challenge the program that outplayed 20 of the best computer chess programs available!

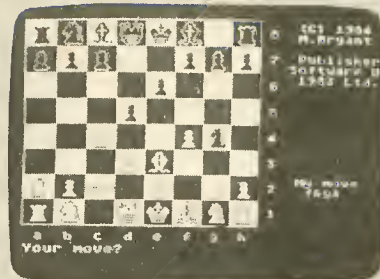
■ Unique two-screen dual display—current game and unique view of COLOSSUS's "brain." Watch Colossus consider thousands of moves.

■ On-screen elapsed-playing-time clocks add realism, excitement to Tournament mode (full tournament play).

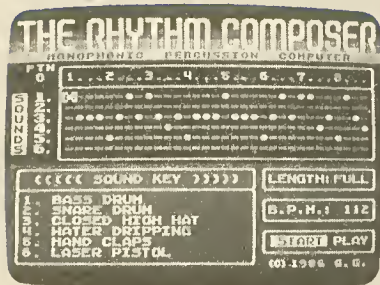
■ COLOSSUS teaches you to be a better chess player with simulation modes (infinite mode, problem mode, equality mode, average mode, all-the-moves mode, blindfolded mode). Adjust playing speed and style.

**REQUIRES:** 48K RAM  
AP0161

\$15.95



*NOTE: COLOSSUS CHESS 3.0 was named ". . . one of the best buys in chess programs today" by Analog magazine (Nov., '85).*



A Professional Drum Machine

**THE RHYTHM COMPOSER**

by Glenn Gutierrez

Create and edit drum sequences. Use them in any order, at any tempo.

Work with the dozens of drum sounds included, or create your own. Ideal for the student and hobbyist. Indispensable for the musician and composer.

AP0180

\$15.95

Play graphics like an instrument.

**COLOURSPACE**

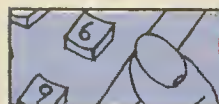
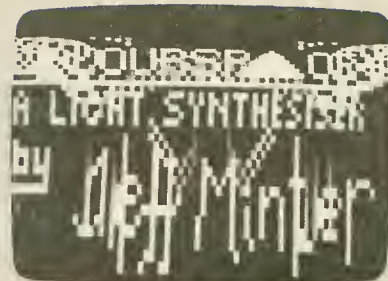
by Jeff Minter, Llamasoft UK

There is nothing else like COLOURSPACE! This "visual synthesizer" drives the Atari's incredible graphics to the max. Use your joystick to create mind-boggling light shows. "Record" up to an hour for immediate

playback, or preserve it all on video cassette. Unlimited applications: eye-grabbing displays, abstract music videos, special effects, the ultimate video titler, or turn up the music, turn down the lights, and get lost in the magic of COLOURSPACE.

**REQUIRES:** Joystick  
AP0166

\$15.95



**ORDER TOLL FREE**

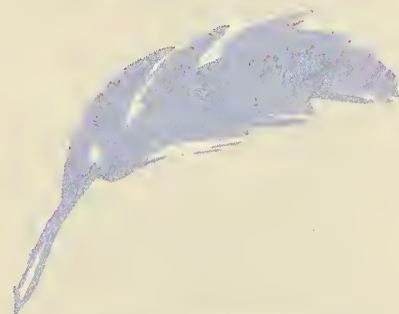
24 hours-a-day  
Visa/MC Only  
(Continental U.S. and Hawaii)

**800-443-0100 x 133**

Now, supports the Atari 1027 printer.

## WORD MAGIC™ and GRAPHIC MAGIC™

by Blue Collar Software



WORD MAGIC is the high-powered, low-priced word processor program for you! It's got every major feature you'll demand, plus all the special ones you'll love. "On-line help files" get you started. Choose from many type fonts. "Cut and paste" between files, then check your work with automatic, on-screen formatting. WORD MAGIC keeps you in control; use a joystick or trackball to quickly move the cursor—Scan files rapidly! **NOTE: If you own the compatible Antic DATA MANAGER XL (AP0129), you can easily perform professional mail-merge list processing and form letter operations. Or use WORD**

MAGIC with built-in GRAPHIC MAGIC plus an Epson or Gemini printer—Easily and professionally insert any graphic into any document. Then preview, paginate and print it out automatically. (This pair is functionally similar to the Macintosh and ImageWriter graphics/text combos.) See FREE BONUS below.

**OPTIONAL: One Joystick or Trackball Controller**  
**AP0130** \$19.95  
**130XE version: Includes Word Magic, Graphic Magic and Spell Magic:**  
**AP0160** \$29.95

Also works with Atariwriter and Paperclip!

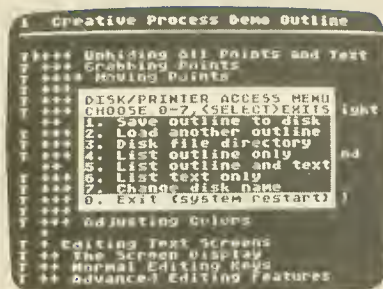
## SPELL MAGIC™

by Blue Collar Software

Spell it right—every time, with this 34,000-word integrated dictionary. Get started fast with on-line help and

simple menus. Install SPELL MAGIC and WORD MAGIC together on one disk. Also—check documents created by other word processors such as Paperclip and HomePak, and AtariWriter. Check in context: SPELL MAGIC always displays your document in a window on the upper half

of your screen. Add an unlimited number of expandable personal dictionaries (up to 10,000 words each). Updates your personal dictionary automatically while checking words. Counts words. Works with single or double drive systems.  
**AP0144** \$19.95



## CREATIVE PROCESS Version 1.8

by Dave Thorson

Outline processors have become indispensable authors' tools (you've seen them advertised for the Macintosh and IBM). CREATIVE PROCESS on the Atari is a tremendous aid in report writing—for business or school. Capture your ideas and turn them into professional documents. Reduce the time needed to get out a document, because speed is the key feature. It can help you manage your projects, make sense out of long meetings, and monitor works-in-progress. Plus, it's so flexible that it

can be used as: an address and phone number filer, calendar, recipe database, and for organizing everything. Pop-up command windows let you concentrate on ideas. Undo key, adjustable screen colors, utilities package, and 130XE RAMdisk support are only a few of CREATIVE PROCESS's huge list of features. Comes pre-configured for single and enhanced density. Capable of supporting your double-density DOS's as well. 100% compatible with Word Magic (AP0130), Atariwriter, and Paperclip.

**OPTIONAL: Printer, Word Magic**  
**AP0151** \$19.95

"Organize ideas with the only outline processor for the Atari." Compatible with Word Magic, Atariwriter, Paperclip, and other word processors.

## Power tools for the Atariwriter™ cartridge

### PRINTER DRIVER CONSTRUCTION SET

by John Eric Hinckley

Now AtariWriter is totally compatible with every printer. Comes with drivers for FX-80/MX-80, 10X/SG-10, NEC 8023, Prowriter, 1027, HR-25. Build your own drivers for other printers.

**REQUIRES: AtariWriter cartridge.**  
**AP0131** \$19.95

### MICROBASE+

by Chipsoft UK

A super fast and powerful mailmerge database for the AtariWriter cartridge.

**REQUIRES: XL OR XE computer, 64K, AtariWriter cartridge.**  
**AP0172** \$19.95

Supercharge your Word Processing.

### THE PRINT TOOL

by Marshall D. Abrams Ph.D.

This is an Atari implementation of the mini-computer program RUNOFF: It will add the missing features to your word processor: footnotes, index, contents, full text formatting, much, much more.

**REQUIRES: Text editor (like WORD MAGIC-AP0130)**  
**AP0148** was \$19.95—on sale \$15.95  
 Atariwriter™ Atari Corp.

**BEST SELLER!**

**PROGRAMMABLE spreadsheet for the XL and XE computers**



sheet—and get a solid grip on your budget or business.

**CALC MAGIC** features include:

- Built-in plain-English programming language. Reduce your keystrokes and allow build templates to allow non-technical people easy access to CALC MAGIC power.
- Quickly test multiple "what if" conditions and determine actual effects.

SQUARE ROOT, MINIMUM, MAXIMUM, COUNT, PRESENT VALUE, and more.

- Supports DIF file transfer.

**REQUIRES:** XL or XE computer, 64K  
AP0177 **\$24.95**

Two disks of financial modeling tools for the price of one.

**REAL ESTATE CASH FLOW ANALYSIS** and **STRATEGIC FINANCIAL RATIO ANALYSIS**

by Richard Lindgren

Complete analysis of your Real Estate and all other investments. Serious tools for serious investors.

**REQUIRES:** Atari BASIC  
AP0125 **\$19.95**



**CALC MAGIC**  
by Metamorphosis  
Development

This is a full power, fast spreadsheet presented in a much easier-to-use programmable, multi-menu package. Now you can have sophisticated facilities to really control a spread-

- Pop-up menus let you choose commands easily, avoid complex command sequences.
- Use simple "pointing" method to reference parts of spreadsheet. Reduce typing errors.
- Advanced printing capabilities.
- Special financial and statistical functions including: MEAN, STANDARD DEVIATION, VARIANCE, etc.
- Math functions such as: SUM,

**Write better and faster**



**PAPERCLIP**—Power, flexibility and the ease-of-use that made the original PaperClip an Instant best-seller! Now, the Atari version offers even greater word processing capabilities than ever before! Easy to use features give a lot more power right at your fingertips. **FEATURES INCLUDED:** SPELLING CHECKER, DUAL TEXT WINDOW EDITING, ON SCREEN HELP FILES FOR ALL KEY PROGRAM FUNCTIONS, COMPLETE WITH PRINTER FILES FOR ALL MAJOR PRINTERS, AUTOMATIC TABLE OF CONTENTS, AUTO SAVE CAPABILITY, CUSTOM CHARACTER SETS, MACROS, and much more!

by Steve Ahlstrom and Dan Moore  
TH0003 **\$59.95**

**FULL FEATURED, POWERFUL INTEGRATED SOFTWARE FROM BATTERIES INCLUDED**



**3 in 1 Integrated Software System**

**HomePak™**

**HOMEPAK** combines HOMEFIND, HOMETEXT, HOMETERM to make what Infoworld calls a "bold product". Now an electronic information manager, computerized writing tool and telecommunications product is yours on one powerful disk. **EASY TO USE.**

by Russ Wetmore  
TH0004 **\$19.95**

**Charts and graphs made easy**

**B/GRAPH™**

**B/GRAPH** is a serious graphics/charting and statistics package. Create pie charts, bar charts, area graphs, and much more. Change designs without re-entering data. Make beautiful presentations that can be integrated with your reports generated from PaperClip!

by Robert Wilson and Michael Reichmann  
TH0005 **\$39.95**

**ORDER TOLL FREE** **24 hours-a-day** **800-443-0100 x 133**  
VISA/MC Only  
(Continental U.S. and Hawaii)

## BBCS II BULLETIN BOARD CONSTRUCTION SET

by Scott Brause

Use the four BBCS editors to build your own powerful, custom Bulletin Board. Remote sysop capability lets you change menus and features from anywhere in the world with complete security. Your BBS will grow as you do—even start your own on-line business, create opinion surveys, and hold user group elections. Add cursor art/animation and fancy title screens too. Build your bulletin board system for everyone because BBCS is totally

compatible. Define up to 26 terminal types and directly support up to 25 other kinds of computers.

Here are a few of BBCS's long list of features:

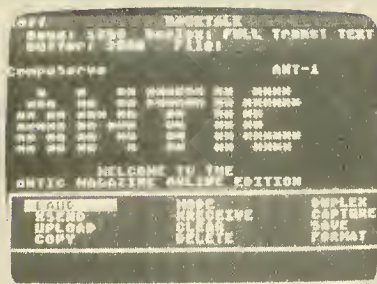
- 65,792 security levels (plus privilege levels). Each level determines what the caller will or will not see.
- Xmodem upload/download.
- Downloadable files may be on separate drives and can be broken up into sections.
- Before a download takes place, the system calculates the actual transmission time at the current baud rate and reports it.

- BBCS may be used with or without passwords.
- System automatically checks for private email upon user log-on.
- Time each user is allowed is selectable.
- Callers may be tagged to alert the Sysop or blacklisted to auto log-off problem users.
- ATASCII/ASCII capability (defined by terminal type).
- Full subdirectory support (with appropriate DOS).

**REQUIRES: Hayes compatible modem and interface.**  
AP0146

\$24.95

## SEE SPECIAL 850 INTERFACE MODEM CABLES ON PAGE ST 14. \$19.95.



The only programmable modem software available.

### BACKTALK 1.2

by Steve Ahlstrom, Dan Moore and Don Curtis

Designed by the authors of PaperClip, Synfile+, and Sherlock 1050, BACK-

**BEST  
SELLER!**

TALK is powerful and easy-to-use. "Script" files can be executed with the touch of a button. Or they can run automatically—even in the middle of the night while the phone rates are lowest. Now you can wake up in the morning and read your email—without having to download anything yourself! Bulletproof file transfer. Three protocols: Xmodem (with or without CRC), Amodem, and Xon/Xoff. Supports 300, 1200, 2400 baud modems, ASCII/ATASCII translation, full and half duplex. CB "chat" window provides uninterrupted communication during on-line conferences. Smooth

scrolling text reduces eyestrain. Friendly pop-up menu makes entering commands a snap.

Now you can use BACKTALK with every modem. Supports Hayes-compatibles, Atari 1030/XM301, and Supra/MPP 1000-series. There's even a way to load your own modem handlers. 130XE will love the way they can download files into the RAMdisk.

AP0154

\$19.95

*NOTE: Some early 810 disk drives will not work reliably with BACK-TALK's high speed I/O.*

## CHAMELEON CRT TERMINAL EMULATOR

VER. 4.03 NEW VERSION

by John Palevich

Written in machine language

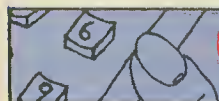
Turn your Atari into a variety of computer terminals! Five popular types: Glass TTY, ADM-3A, DEC VT-52, IBM 3031, ASCII, plus a test terminal. Software supports tab, backspace, line feed (on/off), form feed, bell sig-

nal, speeds up to 9600 bps, plus lots more. Wide-screen 80 and 132 column emulation. You've never seen anything as fast and smooth as the vertical and horizontal fine scrolling. All these features make CHAMELEON flexible enough to use with UNIX operating systems. Perfect for logging on to non-standard systems, such as MCI MAIL and DELPHI, because you can customize all terminal

parameters. Autodials and stores up to 16 phone numbers. Supports file transfers and features on all Atari 850-interface, 835, 1030, and XM301 modems. Version 4.03 includes Columbia University's Kermit file-transfer capability, in addition to total compatibility with the popular Xmodem protocol.

**REQUIRES: 48K RAM**  
AP0113

\$19.95



**ORDER TOLL FREE**

24 hours-a-day  
Visa/MC Only  
(Continental U.S. and Hawaii)

**800-443-0100 x 133**



# THE CATALOG™

QUALITY SOFTWARE



"**A**ntic's CAD-3D is one of the best programs I've seen for the Atari or anything else."

—Jerry Pournelle  
*Byte Magazine*

## STEREOTEN 3D GLASSES™

You've never seen anything like this. True stereo animated graphics which make CAD-3D creations leap right out of your screen. We've shown this system at computer shows and the crowds have almost knocked our booth over.

(does not require CAD-3D)  
TH9020 \$149.95

## THE CYBER STUDIO STEREO CAD-3D™ 2.0 plus CYBERMATE™

Tom's supercharged version of CAD-3D. Enhancements include dimensioning (real-world scaling), GDOS output, STEREO, and over a dozen other incredible new features. PLUS, CYBERMATE —animate the next digital cinema masterpiece.

(requires 1 megabyte RAM)  
ST0236 \$89.95

## PLOTTER AND PRINTER DRIVERS

For graphics aficionados. Print your CAD-3D creations on a Hewlett-Packard (or compatible) pen plotter. Get 3,000×3,000 line resolution output! Includes 20 custom screen-dump drivers for every popular dot-matrix printer.

(requires CAD-3D)  
ST0225 \$24.95

## 3D-FONT PACKAGE

Use CAD-3D to design professional graphics and animations. From video titles to corporate logos. Includes two detailed font sets.

(requires CAD-3D)  
ST0224 \$24.95

Explore the new CAD-3D™ Universe on page 2.

## FUTURE DESIGN DISK

The ultimate 3D clip art library. Everything you need to create your own science fiction fantasy film or artwork. Designed by a professional illustrator and animator to make super graphics easy for you! The FUTURE DESIGN DISK was used to create the artwork on this page.

(requires CAD-3D)  
ST0232 \$24.95

Image created by Darrel Anderson with CAD-3D and DEGAS Elite.

**NEW!**

## THE CYBER STUDIO™ (2-program set)

Tom Hudson and Mark Kimball take you into a *new dimension!*

### Tom Hudson's STEREO CAD-3D™ 2.0

- Works with StereoTek 3D Glasses
- Requires 1 megabyte RAM

If you're just getting started, or if you've already got CAD-3D 1.0, you can now look forward to over a dozen new **professional features plus CYBERMATE**—The CAD-3D animator. All integrated into THE CYBER STUDIO, a complete professional 3D design package. And the 2-disk set upgrade is only \$40 (plus your original disk and \$5 shipping).

#### Solid Modelling with Shading. Amazing.

With the new CAD-3D, your ST becomes the most powerful 3D graphics workstation this side of Hollywood. Even if you're not a professional designer, you can use the 3D FONT PACKAGE and FUTURE DESIGN DISK to create **network-quality graphics**. Professional 3D Clip Art—No artistic skill required! We're talking about **digital scene simulation**, not just goblets and sugar cubes. The perfect companion to DEGAS Elite.

#### Look at all these NEW features!

- True **STEREO** control with perspective adjuster
- **Dimensioning** for real-world object scaling
- Three independent light source icons, now put them anywhere in the 3D universe
- Z-buffering for 100% perfect hidden line removal
- GDOS printer output for ultra-high-res printouts—even with dot matrix printers
- Load/Save 2D object templates
- Super Extruder Tool for building objects with holes in them (like fonts) and/or multicolor faces
- Custom palette/shading selector
- Illustrated tutorial written by a professional artist, includes 3D objects on disk

### Mark Kimball's CYBERMATE™

The CAD-3D Animator.

Supports (optional) StereoTek 3D Glasses

Now, CAD-3D is a cinematic tool rivaling workstations costing thousands of dollars. This is the software that has been drawing the crowds at our trade show booths.

Using advanced Delta compression techniques, CYBERMATE transforms your 1 meg ST into a **TEN MEGABYTE frame buffer**. Store up to a thousand animation frames of 3-D objects (no matter how complex) in RAM and play them back at speeds up to sixty frames-per-second. That's 2½ times faster than any movie. Silken smooth!

#### Write animation MACROS

To make your animations unique and interesting, the system had to be **totally flexible**. So we developed a new "programming language" that allows you to:

- Play sound effects or music (created with the G.I.S.T.™ sound editor, on page 10)
- Change frame rates and looping sequences
- Change the color palette
- Load and run animations as "batch" files
- Splice in animations from multiple sources
- Call other macros

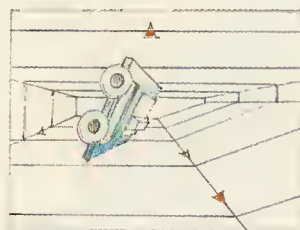
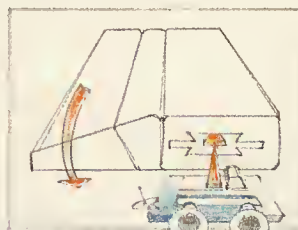
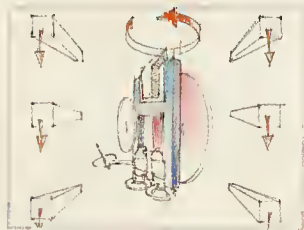
Using the tools, you can create digital "home movies," corporate logo animations, and much more. And the FUTURE DESIGN DISK is all you need to get started creating the next outer-space epic. What are you waiting for?

#### THE CYBER STUDIO

STEREO CAD-3D 2.0 *plus* CYBERMATE Available in February  
2-disk set (requires 1 megabyte RAM)

ST0236 \$89.95

DEGAS Elite™ Batteries Included



### CYBERSCAPE®

A 3-D "feature film" on disk by Darrel Anderson. Skim the fantastic, 3-dimensional terrain of the mind! Metamorphosing metallatons and transforming tubular time

slots! This full-color, animated feature was created by **professional artist** Darrel Anderson, to show what can be done with CYBERMATE—The CAD-3D Animator. An incredible tour

de force of computer graphic power, this demo is a guaranteed auto-lobotomy of the very first order!  
**CYBERSCAPE DS**  
(1 double-sided disk)

SB0104 \$10.00  
**CYBERSCAPE SS**  
(2 single-sided disks)  
SB0105 \$12.00  
(Both versions require 1 megabyte RAM)  
Available in February

"A remarkably powerful modeling system."  
—Computer Graphics World

The Original...

### Tom Hudson's CAD-3D™ 1.0

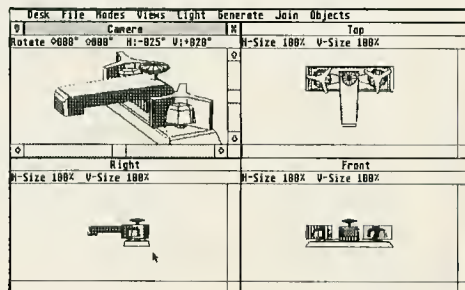
520ST-compatible

If you own a 520ST and are interested in computer graphics, many of the features of CAD-3D 2.0 are included in this original version—you even get a basic animation system.

CAD-3D 1.0

ST0214 \$49.95

(requires 512K RAM)



Introducing, for the first time, true 3-dimensional stereo realism on a home PC.  
**STEREOTEK 3D GLASSES**

**NEW!**

**STEREOTEK**  
 Three Dimensional Glasses



© Michel Ticherevkoif TIB West

Last July, we got a phone call from Tektronix, the big high-end computer-graphics display company. They told us one of their ventures, LC Technologies, had designed a low-cost version of their electronic stereo liquid crystal shutter (LCS) goggles.

They were looking for a company to distribute them for the Atari ST. "Why us?" we asked. "Because the best software to make them work is CAD-3D."

From that conversation was born the most innovative computer graphics peripheral since the video display tube.

**STEREO SOFTWARE AVAILABLE NOW**

STEREO CAD-3D 2.0 and STEREO MAPS & LEGENDS 3.0 already work with STEREO TEK. And over a dozen new software titles are being readied for market right now. We have also included all the stereo C and assembler source code routines so you programmers can **write your own stereo software**.

Add the CYBERMATE animation system, and your CAD-3D movies become the ultimate in hi-tech computer graphics. Fleets of starships stream out of your monitor. Weird objects spin and fly through a thrilling new universe. Vivid MAPS & LEGENDS globes float in your lap—in amazing stereo 3-D.

Here's what you get with your STEREO TEK 3D GLASSES package.

- one pair of electronic LCS glasses w/4-foot cable (designed to also be worn over eyeglasses)
- ST cartridge interface unit—supports two sets of glasses at once (2nd set optional)
- stereo CAD-3D animation and slide show by Tom Hudson
- For programmers: developers instructions by Mark Kimball with source code on disk—teaches you how to add stereo to your own programs

**STEREOTEK 3D PACKAGE TH9020 \$149.95**  
**ADD-ON GLASSES ONLY TH9021 \$99.95**

**COMPLETE STEREO PACKAGE—SAVE \$30!**

**STEREOTEK 3D STEREO DISPLAY with STEREO CAD-3D 2.0 and CYBERMATE TH9038 \$199.95**  
 offer available by direct mail only

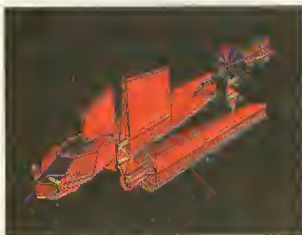


**FUTURE DESIGN DISK**

**NEW!**

by Darrel Anderson  
 CAUTION! Don't enter the CAD-3D Universe unprepared. Get a fast start on your three-dimensional explorations with the CAD-3D FUTURE DESIGN DISK. This modular construction set of dimensional clip-art has **everything you need** to create SPACECRAFT, STATIONS, BASES, VEHICLES, ROBOTS and ANDROIDS.

Model your future; then populate it with androids and CAD-People; bring it to life with CYBERMATE; detail it



with any popular paint program. Includes:

- Complete models
- Component parts
- Construction tips
- "Blueprints"

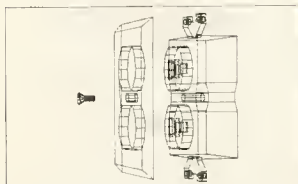
(requires CAD-3D)  
**FUTURE DESIGN DISK ST0232 \$24.95**



**PLOTTER AND PRINTER DRIVERS**

Plot your 3D drawings on a high-resolution pen plotter for a truly professional look! Supports Hewlett-Packard (and HP compatible) plotters. Multi-plots on a single page—best fit system.

(requires CAD-3D)  
**PLOTTER DRIVERS ST0225 \$24.95**



Also, dot matrix printers supported: GEMINI/STAR, EPSON, OKIDATA, IBM, COLOR (Radio Shack, Epson, Canon), NEC, PANASONIC, C-fTOH, and more.

**\$5,000 CONTEST**

Antic and LC Technologies are co-sponsoring a competition to search for the **MOST INNOVATIVE STEREO APPLICATION PROGRAM**. We're going to pay \$5,000 in cash (advance against royalties) for the winner, plus a continuing royalty upon publication here in The Catalog.

For an official entry blank and competition details, write to: STEREO COMPETITION; The Catalog, 524 Second St., San Francisco, CA 94107, or call (415) 957-0886.

**3D-FONT PACKAGE**

by Tom Hudson

Design your own 3D greeting cards, signs, logos, and letter-heads with CAD-3D. Or create sophisticated 3D animated title sequences for your home videos.

At the heart of this **packed** disk is Tom Hudson's new **SUPER EXTRUDER TOOL**. With it, you can create new kinds of complex, **multicolored 3D objects** that can't be built with CAD-3D alone. Plus, it doubles as a **3D FONT EDITOR**, and Tom has built **two incredible fonts** just for you (serif and sans-serif, upper and



lower case—over 250K of fonts!).

**BONUS!** Tom's included new 3D object primitives (building blocks) and his own hints on how to get the most out of CAD-3D.

(requires CAD-3D)  
**3D-FONT PACKAGE ST0224 \$24.95**

**NEW!**

**A-CALC PRIME™** by Kuma  
Supercharged  
by Kuma Computers, Ltd. UK

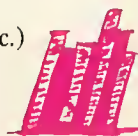
The first GEM-based spreadsheet for the ST just became the **best spreadsheet value on any microcomputer**. PRIME will give you the confidence to tackle **any financial challenge**. This is a next-generation spreadsheet with the power to run a large business—so intuitive **you already know how to use it**.

Features of the original A-CALC 1.0 made it the easiest-to-use spreadsheet ever:

- Up to five windows open at once
- WIDE-VIEW option to see 50 percent more of your worksheet at once
- SEARCH for character strings
- Powerful PRINTER FORMATTING commands
- .DIF file compatibility
- Exclusive A-CHART compatibility
- Sparse-matrix design maximizes available RAM

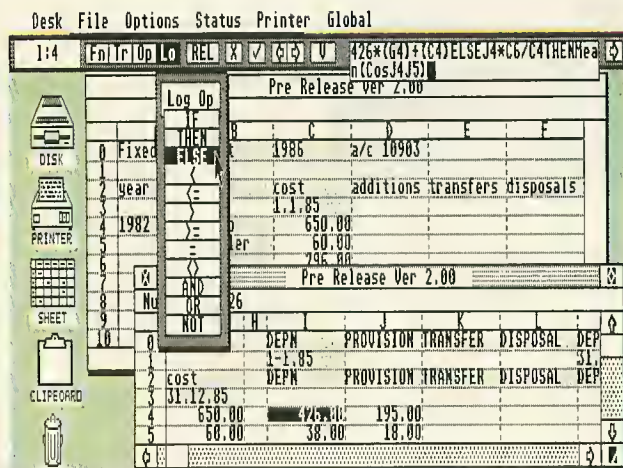
And now, PRIME transforms you into a **numbers wizard** with dozens of special features:

- Row and column lock
- Conditional expressions (IF, THEN, ELSE, etc.)
- MACROS
- Labels
- 8192 rows × 256 columns



*"This is the easiest to use spreadsheet that I've ever seen."*

—W. Krieger  
**Computer Shopper Magazine**



- Color/pattern coding of formula, text, value, etc.
- SORT and FIND
- Trig functions
- Sideways printing (for Epson compatibles)
- High-speed SMOOTH screen updating
- Complete printer control from **within** the spreadsheet
- Password-protected cells (hide and unhide)
- Additional ease-of-use features:
  - Off-screen scrolling with the mouse
  - Out-of-the-way, convenient edit window
  - Cell and range reference by **pointing with the mouse** (even reference cells in inactive windows!)
  - Ten clipboards
- Illustrated manual and on-disk examples

In short, PRIME gives you premium spreadsheet power for the rock-bottom price of \$79.95. And, for A-CALC 1.0 owners, the upgrade is only \$20.00 (plus \$5.00 shipping. Enclose your original ver. 1 disk).

**A-CALC PRIME**  
ST0235 \$79.95  
Available February

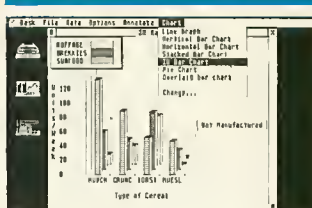
Make your next presentation the one they **remember**.

**A-CHART™** by Kuma  
by Kuma Computers, Ltd.

When was the last time you were excited about your spreadsheet? Do numbers bore you? We can change all that. A-CHART is one program that makes working with figures **fun and intuitive**.

**NEW!**

A-CHART automatically turns your A-CALC (or A-CALC PRIME) spreadsheets into beautiful graphs that are DEGAS-compatible. And if you don't have a spreadsheet, A-CHART's **built-in** editor will help you organize those numbers into a super-sharp presentation.



**A-CHART**

View your data in **eight different chart styles**—change styles instantly with one mouse-click. A-CHART sports what is probably the best use of GEM in any program. **Drag and size multiple charts** in each window, **define your own fill patterns and line styles**. The flexibility of the graphic presentation of your numbers will give you an entirely

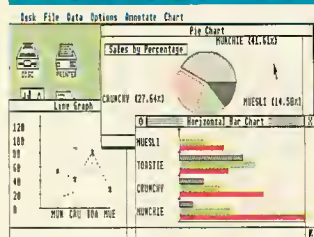


**DEGAS ENHANCED**

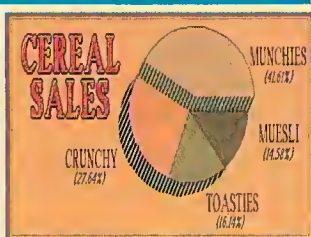
**new perspective on your business or home budget.** And A-CHART grows as you do, with the capability of storing up to 50,000 datapoints in a 512K machine and 150,000 datapoints in a 1 meg machine.

**A-CHART**  
ST0230 \$39.95  
Available February

Epson-compatible from A-CHART.  
Multi-printer compatible from DEGAS.



**A-CHART**



**DEGAS ENHANCED**

THE WORLD ON A DISK.  
MAPS FOR EVERYBODY!

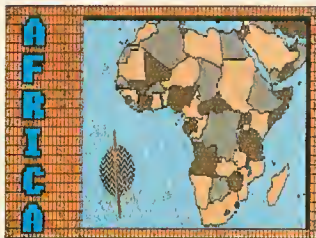
**MAPS AND LEGENDS™** —  
The Cartographer

Enhanced Version Supports (optional) StereoTek Glasses by Harry Koons and David Chenette Hold on a second. Now that you've word-processed, spreadsheeted, databased and telecommunicated with your Atari ST, aren't you looking for something different?

How about Cartography? Until now, mapmaking has been a unique art mastered by only a few talented people. Not anymore. With MAPS AND LEGENDS, your Atari ST becomes a personal desktop cartography system.

Show your children exactly

what the world looks like— with or without political boundaries. And in STEREO, the world globes appear



to be floating in front of your monitor. Or print an impressive custom map to go with your travel itinerary. We use MAPS AND LEGENDS all the time at the office for sales and marketing maps. And since it's based on the GEM interface, it's GEM-easy to use!

**MAPS AND LEGENDS 3.0**  
ST0202 \$34.95  
(upgrade is \$15)



**LET'S-GET-TECHNICAL BOX**

Packed with features, including: STEREO COMPATIBILITY, BUILT-IN 9000-COORDINATE DATABASE, 11 DIFFERENT MAP PERSPECTIVES, PLOTTING FROM ANY ALTITUDE, WORKS IN ALL 3 SCREEN MODES, BUILT-IN PAINT SYSTEM (and compatible with DEGAS and NEO), MULTI-FONT LABELLER, CUSTOM OVERLAY PLOTTER (create your own maps—build your own map databases), AUTO-LOCATE MODE (reads coordinates, distance and bearing from maps) and so many more that we don't have room to list them all.

**DATAMAP COLLECTION I**

Expand Your Maps and Legends Database!

**NATIONAL POLITICAL BOUNDARIES**

Europe, Latin America, S. America, Asia, Africa

**PROVINCIAL BOUNDARIES**

Australia, Canada, China, U.S.S.R.

(requires Maps and Legends 2.0 or greater)

**DATAMAPS**  
ST0227 \$24.95

**PLUS HISTORICAL MAPS AND MORE!**

 **800-443-0100, ext. 133**  
(Continental U.S. and Hawaii) Visa/MC Only  
**ORDER TOLL FREE**



**ARTIFICIAL INTELLIGENCE**  
Teach your ST, then let it teach you!

**EXPERT OPINION™**  
by Mind Soft

Curious about expert systems and artificial intelligence? Discouraged because most expert systems tools are either for the IBM PC or Macintosh? And usually cost over \$700?

Transform your ST into an expert on any subject. EXPERT OPINION creates production-rule knowledge bases with more power than the average university system. And you don't need to know a programming language like Prolog or LISP—EXPERT OPINION is totally GEM-based... so you already know how it works.

Create your own expert

systems for classification of Horticulture, Animal Husbandry, Gemology, Medical diagnosis, Economics—any subject you want. Be a part of the first wave of knowledge engineers!

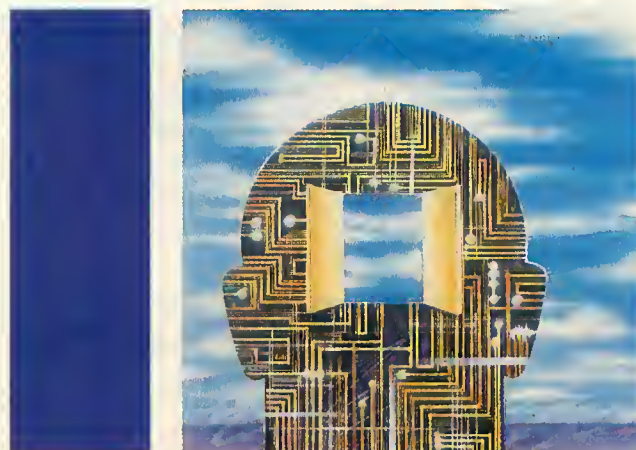
EXPERT OPINION's "Inference Engine" solves problems three ways: **DEDUCTION** (forward chaining); **VERIFICATION OF A HYPOTHESIS** (backward chaining); or a unique combination of both modes. **CERTAINTY LEVELS** allow you to fine-tune your knowledge base with heuristic control. Plus, the clear, well-written documentation includes a tutorial by Harvard expert and START contributing editor Christopher Chabris.

**FREE BONUS!** To get you started, we've included a disk packed with knowledge bases about a typical application... Gemology. The six linked knowledge bases will guide you through the classification of over eighty kinds of rocks and minerals.

Perfect for studying how an expert system is built.

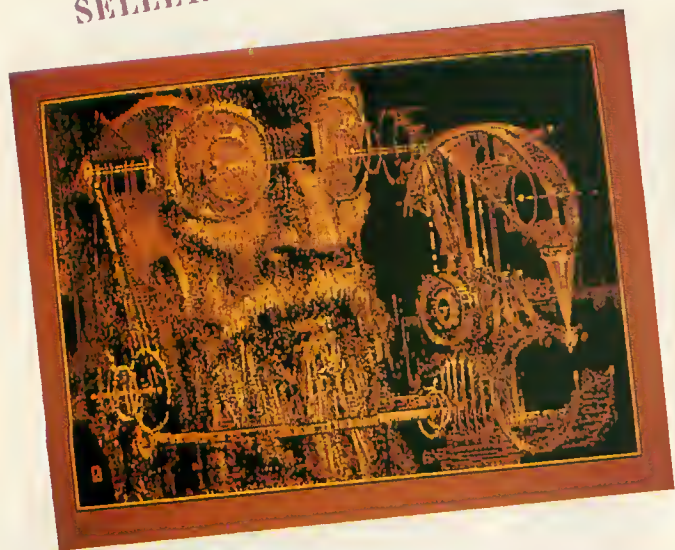
**EXPERT OPINION**  
(2-disk set)  
ST0219 \$99.95

**WARNING:** This is a sophisticated computer science tool requiring study to use it effectively.



**BEST  
SELLER!**

**POWERFUL SOFTWARE FROM BATTERIES INCLUDED**



ANYTHING THIS MUCH FUN IS USUALLY ILLEGAL.

**NEW!**

**D.E.G.A.S. ELITE™**

by Tom Hudson

The best-selling graphics software on the Atari ST just got **ten times better!** D.E.G.A.S. ELITE has all the power of the original, **plus:**

- 1) Multi-color fill patterns
- 2) Special effects like scaling, perspective distort, rotating, outlining, and color animation
- 3) Multiple screens in RAM at once (up to 8)—cut and paste between them
- 4) Color search and replace
- 5) Multiple GDOS or DEGAS fonts in any style available at any time
- 6) Polygon block grabber for lifting any section out of place
- 7) Stipling and smearing for real paintbrush effects
- 8) Load or save any resolution picture in any other resolution
- 9) Built-in icon editor for programmers
- 10) Color palette blending for smooth shading effects

**DEGAS ELITE**  
TH9036 \$79.95



**SAVE! GET THE COMPLETE PICTURE!**

**B**etween them, CAD-3D and DEGAS make the Atari worth owning."

—Jerry Pournelle  
**Byte Magazine**

**DEGAS ELITE & STEREO CAD-3D 2.0**  
TH9039 \$149.95



**INTEGRATED FINANCIAL SOFTWARE FROM BATTERIES INCLUDED THE ISGUR PORTFOLIO™** THE ISGUR PORTFOLIO is three programs in one: Portfolio manager, telecommunications, and calendar/memo pad. Receive Dow Jones stock quotes, CompuServe, The Source, and InfoGlobe financial

information, automatically. Consolidate multiple stock portfolios. Hands on management of stocks, bonds, options, commodities, mutual funds—your key to financial success.

**THE ISGUR PORTFOLIO** is PC magazine's "EDITOR's Choice." The integrated GEM-based system provides intuitive access to your data and unlimited versatility. A complete financial management package for the professional and individual investor.

A real value for your investment. Plus, **THE ISGUR PORTFOLIO** includes **I•S TALK**. Invest in your future... today.  
TH9009 \$199.95

**BEST  
SELLER!**



**A SPELLING CHECKER THAT IS LIGHTNING FAST!**  
**THUNDER™**

**THUNDER** gives you a powerful spelling checker accessible from within your favorite application program. Your accuracy will skyrocket, so the time spent proofing will plummet.

It's so simple. Here's how it works. Example: you're happily writing away and you make a "mstake" and BEEP (**THUNDER** picks up the error with lightning-fast speed). Now **THUNDER** will display a list of similarly spelled words (stake, mistake, etc.).

Compatible with Paperclip Elite, Homepak, BTS, other

Batteries Included products, 1st Word, GST-Edit, DB Master One, as well as FLASH, A-CALC and many more GEM software titles.

TH9011 \$39.95



**TAKE A SECOND FOR TIME MANAGEMENT**  
**TIMELINK™**

**TIMELINK** is a great GEM-based scheduling and time-keeping tool for home and business. Your day, week, month and year appointments are only a mouse-click away. Useful for messages, reminders and much more. There are many incredible uses for this handy elegant, time-saving tool.

TH9010 \$49.95

**800-443-0100, ext. 133**  
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**ORDER TOLL FREE**

24 hours-a-day

**"FLASH** is my #1 choice on the Atari ST."

—Ron Luks, Founder of CompuServe's SIG\* Atari and Atari Developers Forum.

**THE MOST POPULAR  
TERMINAL PROGRAM FOR  
THE ATARI ST.**

**FLASH™**

Version 1.11  
by Joe Chiazzese and  
Alan Page

If you own a modem, you should be using FLASH. Why? Because FLASH is the best. It will simplify your online time and make telecommunicating more enjoyable and less expensive.

**TOTALLY PROGRAMMABLE  
PLUS BUILT-IN  
WORD PROCESSING**

Imagine turning on your ST and, with **one** click from the GEM Desktop, beginning an online session on your favorite BBS. Watch FLASH

**BEST  
SELLER!**

dial the number, log on, and **automatically** browse through the most recent messages or files. Then, edit some email in the **built-in message editor**, and upload it right from the capture buffer. Instantly! It's your personal telecom droid. So programmable that you have **total control**, and so GEM-intuitive that you feel right at home the first day you use it. No wonder FLASH is the most popular Atari terminal program of all time.

**TERMINAL EMULATION  
PLUS BULLETPROOF  
FILE TRANSFERS**

Of course, FLASH has a barrel full of terminal-emulation features, such as DEC VT100/VT52 and CompuServe Vidtex graphics, so you can use it with **every** mini or main-frame editor. And talk about

bulletproof file transfers! It's got the most **reliable** Xmodem around—never lose a file during transmission again!

**PACKED WITH FEATURES!** Here are just a few of the most useful features. Shop around and see if any other terminal program can even come close!

- Built-in GEM word processor with cut & paste
- Programmable "script" language (70 commands)
- Mainframe terminal emulation
- Xmodem (CRC), ASCII and DC2/DC4 file transfers
- Totally configurable to **your** needs!
- Free online time and membership

Ask your local telecom guru's opinion. FLASH is the winner... **hands down!**

**FLASH  
ST0220 \$39.95**

**"FLASH** is to the Atari ST what Lotus 1-2-3 is to the IBM PC."

—Ken Wolburn  
**Microtimes Magazine**

**DOUBLE THE POWER OF  
YOUR FLASH! TRANSFORM  
IT INTO A BBS! ADD KERMIT!**

**REMOTE CONTROL  
ACCESSORY & KERMIT  
PROTOCOL™**

by Joe Chiazzese and  
Alan Page  
**One mouse-click transforms  
FLASH into a password-  
protected BBS.** You can send  
and receive files while you're  
in another room or even away  
from home!

Plus, you can now use the powerful KERMIT protocol with FLASH. With KERMIT, you can transfer up to 128 different files without touching your keyboard! More powerful than the version shipped with the Atari Developer's Kit—total automation for less than \$25!

Works with any Hayes-compatible modem.

**(Remote/Kermit requires FLASH™)  
ST0226 \$24.95**

**ALL THE FLASH COMMANDS  
ON ONE POP-UP CARD!**

**FLASH-CARDS™**

The Ideal Flash Add-on  
Wouldn't it be great to have every FLASH command at your fingertips? This rigid command card lists all 110 of the commands, with their ALT-key equivalents. It slips right into your function key slot. **Plus**, it has room for you to write down three sets of

twenty of your favorite function key macros.

Get the most out of FLASH.



Start using FLASH-CARDS today!

**FLASH-CARDS  
TH9025 \$7.95**

**FREE! Try FLASH now  
and get \$15.00 of  
CompuServe  
access time, FREE.**

**Order now and  
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with a 46-page  
CompuServe mini-  
manual. Plus  
\$15.00 worth of  
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access time, free.**

**This offer is valid  
for everybody,  
including current  
CompuServe  
subscribers.**



MISSILE COMMAND™ MEETS SDI—WITH A TWIST.

**RED ALERT™**

by Stanley Crane and Daniel Matejka

What if you could view a game of SUPER MISSILE COMMAND from space? You'd be playing RED ALERT! Your cities are under attack. Russian ICBM's and MIRV's are coming in—both over the pole and from subs. You make the decisions about where to locate your Antibalistic Missile Silos, Ground-based Lasers, and when to use your space-based Particle Beam Weapon. The twist is that you may also place your cities anywhere you want... from your hometown to Havana. Or use the European scenario and defend London, Paris and Rome from the Red Menace! **The perfect blend of strategy and arcade excitement.**

RED ALERT  
ST0223 \$24.95

MISSILE COMMAND™ Atari Corp.

**GET ORGANIZED AND HAVE FUN WITH MICHTRON**

Eliminate the desk battlefield and make organizing easy!

**CORNERMAN™**

What Sidekick did for the IBM, CORNERMAN does better for your Atari ST. This utility gives you a host of useful desk-top tools in one simple, neat package. With everything from a built-in clock, notepad, phone book and ASCII table, to a full-function calculator, a

cluttered desk is a thing of the past. And as a desktop accessory, CORNERMAN is available nearly anywhere within GEM.

CORNERMAN doesn't interfere with other programs and comes complete with security. **HIRE THE PERFECT SECRETARY TODAY—HIRE CORNERMAN.**

(One megabyte RAM recommended.)  
TH9013 \$49.95

**NEW!**

Now you're organized—so take a break and have some fun.

**PINBALL FACTORY™**

Design your own pinball machines! Full-featured editor includes graphics line, circle, ray, box, textured fill, and more. Use your mouse to drag bumpers, borders and bells into position. Adjust the gravity, elasticity and speed. Save your creations to disk and build a whole arcade of pinball wonders!

TH9026 \$39.95

**BEST SELLER!**

**TIME BANDIT**

The arcade adventure takes you to the world of the biggest, fastest, most detailed game ever designed for a home computer. You're the bandit rogue travelling through time and space. The quest always beckons: recover the Great Artifacts and break the Gates of Time! Features: 16 unique arcade lands, 3,000 screens, realistic detail, three text adventures, unique dual-player mode. Uses 16 color monitor.

TH9014 \$39.95



**MichTron**



**WHY TRUST GYPSIES?**

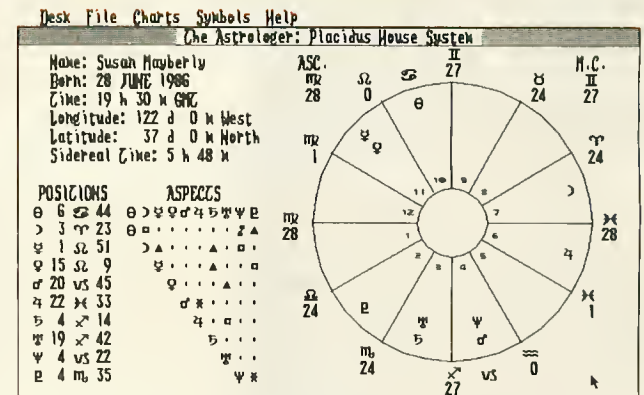
**STAR STRUCK™**  
—The Astrologer

by Harry Koons

Sure, you can cross that palm with silver, but can you trust the results? Your ST, on the other hand, won't leave you in the gutter with empty pockets. And it's accurate! This GEM-based celestial workhorse instantly creates charts using formulas for the 9 most popular historical house systems (Placidus,

Morinus, Porphyry, and 6 more). And if you don't know the coordinates of your birthplace, just point and click on the US or world maps! Of course, you can save charts in DEGAS format and create your own astro-masterpieces. STAR STRUCK works in color or monochrome and comes with loads of extra fonts. Now you've got something to talk about at the local singles bar.

STAR STRUCK  
ST0222 \$24.95



24 hours-a-day **800-443-0100, ext. 133**  
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**ORDER TOLL FREE**





AT LAST! subLOGIC'S FLIGHT SIMULATOR FOR THE ST **FLIGHT SIMULATOR II™** *NEW!*

Buzz the World Trade Center—fly under the Golden Gate. You're going to love this one! We knew it was hot software the moment the prerelease copy hit the office. Whenever subLOGIC'S **FLIGHT SIMULATOR II** was started up, a crowd of otherwise jaded programmers crowded around the computer station to watch. We finally had to take it away from them—nothing was getting done. **This is it.** The Atari ST version of the phenomenally successful **FLIGHT SIMULATOR II**. And it's really something.

Fly a Cessna prop plane, soar in a Lear jet, or dogfight with other planes in a World War I scenario. **Completely mouse controlled!** Multiple windows for multiple viewpoints: cockpit, spotter plane, tower, zoom-map—set up as many as you like, drag them, size them and put them where you want. Special custom-graphics routines permit multi-tasking windows. Explore accurate, solid, three-dimensional geographical scenarios which sweep by at update rates as high as 10 frames-per-second. Supplied scenarios include San Francisco, New York to Boston, Chicago to Champaign, Los Angeles, and Seattle.

**RIVALS PROFESSIONAL TRAINING UNITS!**

Two experienced pilots on our staff took **FLIGHT SIMULATOR II** up for a spin and pronounced it a complete success—detailed, accurate, in many ways far better than professional flight simulators. You can preset your position and altitude and adjust your seasonal and weather conditions—including wind direction and multiple cloud layers. Nine directional views are available from the cockpit **plus** a zoom and a pan. "Instant Replay" feature lets you redo your most successful moments—which you can then watch from any vantage point!

**TWO-PLAYER MODEM FLIGHT!**

Spectacular two-player mode lets you fly with a friend over modem. Choose a distinctive color for your plane and you're

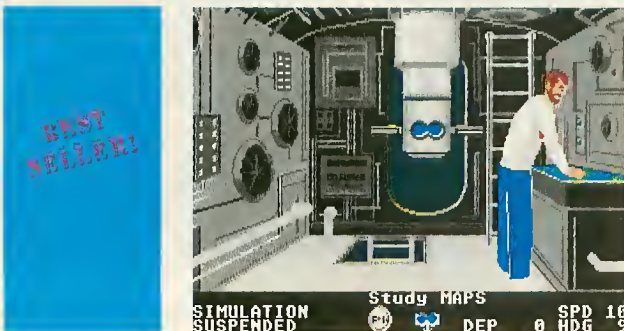
all set to stage your own aerobatic shows. Signal each other through the special text-message mode—or simply dip your wings. Our two in-house pilots hooked up a null-modem cable



and chased each other all over the San Francisco Bay Area, circling the Trans America Pyramid and buzzing Alcatraz. If you know someone with an Amiga version, you can take your rivalry to the skies!

**FLIGHT SIMULATOR II**  
TH9027 \$49.95

subLOGIC



**SILENT SERVICE™**

Exciting World War II Submarine Action in the South Pacific! by MicroProse  
**0400 hours, Tuesday, August 12, 1942... BATTLE STATIONS!! BATTLE STATIONS!! Enemy convoy identified on radar!!**

**SILENT SERVICE**, The Submarine Simulation, brings exciting action, great strategy, detailed graphics and an ultra-realistic simulation of World War II U.S. submarine action in the South Pacific.

**SILENT SERVICE**'s outstanding features include: all the critical battle stations, engine room, conning tower and ship's bridge; challenging and realistic combat versus single ships and heavily escorted convoys; and an infinite variety of situations

using complete maps and charts for the entire Southwest Pacific and a sophisticated and realistic attack plotting system.

**SILENT SERVICE** provides a wide selection of historic scenarios. From hit-and-run attacks to patrol missions that bring challenge and fun to both the first time player and the experienced submarine veteran.

As captain, you select a quiet patrol sector in the Marianas Islands, or choose the dangerous waters off the coast of Japan. Is the submerged daylight periscope attack best, or do you charge in on the surface at night using only radar bearings as your guide? These and many more decisions will determine your place among the elite ranks of the **SILENT SERVICE**.  
TH9016 \$39.95

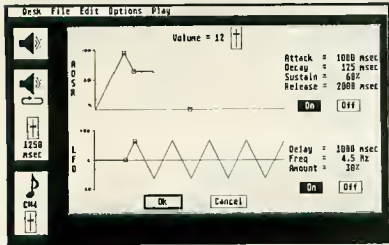


CREATE NEAR-SYNTHESIZER-QUALITY SOUND EFFECTS WITH OUR **SOUND LABORATORY**.

**NEW!**

**G.I. Sound Tool  
G.I.S.T.™**

by Lee Actor & Gary Levenberg for Synthetic Software  
If **sound** has always fascinated you... or if you're a programmer or developer... take a look at G.I.S.T., the sound editor. G.I.S.T. was created to establish a standard of sound generation on the Atari ST that far surpasses the abilities of the built-in sound chip.



G.I.S.T. is really two programs:  
1) GEM-based editor  
2) Sound Driver

As you can see from the screen display, the G.I.S.T. editor gives you real-time mouse control over any sound shape. The key to

G.I.S.T.'s power is dynamic control of the GI chip. Each voice has three ADSR (envelope) controls and three LFO's (low frequency oscillators). You'll be creating sounds like a profes-

sional engineer—Near Synthesizer Quality (NSQ) sound.

For programmers, the Sound Driver is linkable object code that can be used in your own software. Adding superior sound effects to **any** program... It's interrupt-driven, so it won't impact the speed of your software. In fact, it's already built into CYBERMATE for CAD-3D—just one of many useful applications.

**LET'S-GET-TECHNICAL BOX**

- Volume ADSR to shape attack, decay, sustain, release
  - Volume LFO for Tremolo effects and AM (Amplitude Modulation)
  - Frequency ADSR—frequency shifts up to  $\pm 3$  octaves!
  - Frequency LFO for Vibrato effects and FM (Frequency Modulation)
  - LFO delay lets you add effects at any point in the sound
  - Cut and Paste to copy part of one sound to another
  - MIDI-compatible! Use your keyboard to play the GI chip
  - Three sound windows may be open at once
- G.I.S.T. is also compatible with CYBERMATE. Add sound effects to your CAD-3D animations!

Source-compatible with Alcyon C, Megamax C, and Lattica C.  
G.I.S.T.  
ST0233 \$34.95  
Available February



**MORE POWER FOR  
PROGRAM DESIGNERS!**

**C.O.L.R. OBJECT EDITOR™**

by The Rugby Circle  
What is it? Originally designed to create the beautiful birds in ST Joust, C.O.L.R. OBJECT EDITOR is the original tool for making software sprites and bit-mapped game objects. Perfect for converting any piece of a low-res screen to a file linkable to your own C or assembly-language program.

Use the powerful block-manipulation commands to create perfect images for your own programs. For example, design separate 360-degree views of a spaceship with CAD-3D, then cut each view out and link them together for your own space game. CAD-3D and C.O.L.R. OBJECT EDITOR are the **perfect** graphics team for every action programmer.

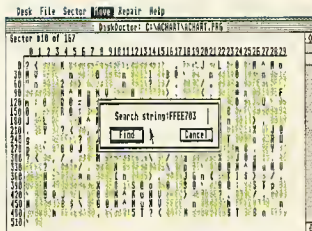
C.O.L.R.  
ST0201 was \$29.95—on-sale only \$19.95  
Joust™ Atari Corp.



**FLOPPY DISKS AREN'T  
PERFECT. THAT'S WHY YOU  
NEED DISK DOCTOR.**

**DISK DOCTOR™**

by Dan Matejka  
The best time to get a good disk editor is **before** your un-backed-up disk is zapped by a power surge—or you mistakenly send your tax-return to the **trash can** instead of the backup disk in drive B.



DISK DOCTOR will make recovery of your lost data as painless as possible. You can even use its built-in GEM disk editor to personalize your own software's menus and error messages. DISK DOCTOR is the perfect file repair utility for casual users, plus it's one of a programmer's most valuable tools.

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ST0211 \$29.95

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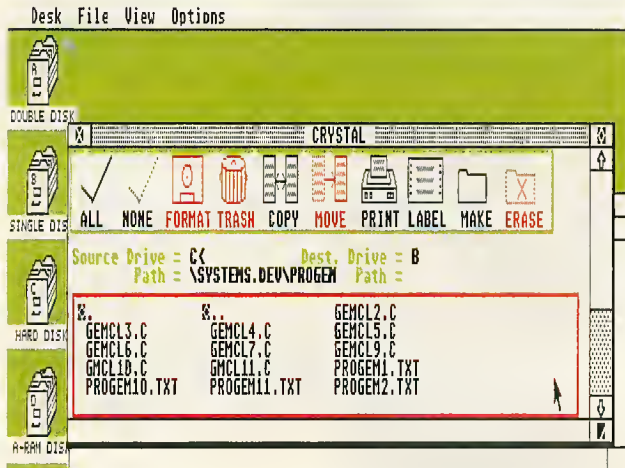
## CRYSTAL™

(It makes GEM shine...)

by Jim Thompson

These are the DOS Icons Digital Research forgot when they wrote GEM. It's too bad Atari didn't put CRYSTAL into

the TOS ROM's, because for about 30K of code, CRYSTAL gives TOS the most powerful features of MS-DOS. Plus, you never lose the look and feel of GEM. And since CRYSTAL is a desk accessory, it's always available.



In fact, these eight icons will eliminate all the frustration you feel from not having powerful DOS functions available from within your favorite GEM program (or the desktop)...

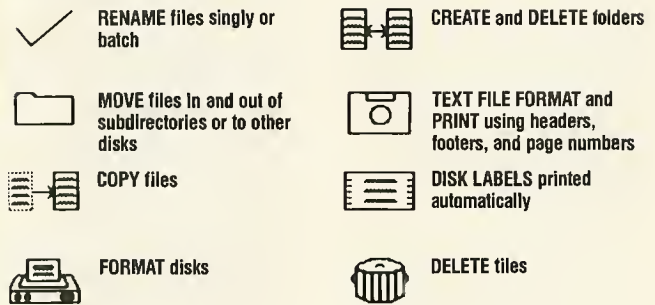
Of course, CRYSTAL is compatible with all monitors,

all disk drives, and all printers.

Make your personal version of GEM shine—for \$24.95.

CRYSTAL  
ST0229 \$24.95

ADD A WORLD OF DOS ICONS TO ALL OF YOUR GEM PROGRAMS.

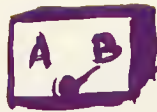


NEW!

TURN YOUR ST INTO TWO COMPUTERS!

## K-SWITCH™

by Kuma Computers, Ltd.



Picture this: You're in the middle of hyperwarp to an endangered sector of the Star Raiders™ galaxy when you hear the approaching footsteps of your boss. No problem. You press three keys and your ST instantly switches to IST WORD™ where you continue working on a letter to the Accounting Director. The boss's steps recede in the corridor... press three keys and—WHAMO! Right back in the middle of hyperwarp.

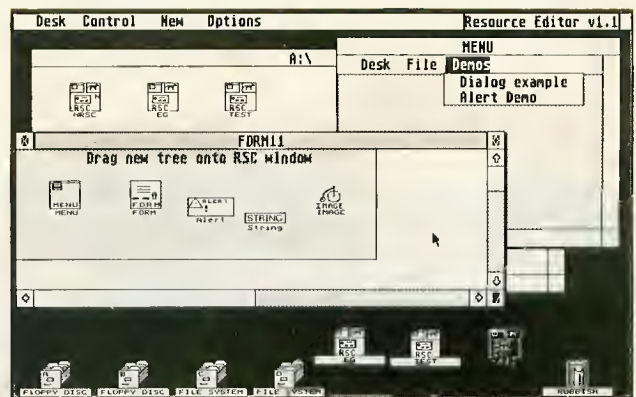
If you have a megabyte of RAM in your ST you can now load two programs at the same time. K-SWITCH splits your ST into two isolated 400K blocks, with a shared RAMdisk. You can toggle between two programs instantly—at any time. The inactive program will be frozen in progress, ready to continue right where you left off.

Now you can use your favorite word processor and database together. And for the ultimate in financial software, mate A-CALC PRIME and A-CHART, transferring data instantly with the RAMdisk. Even run low res. programs in one half, and medium res. in the other—it's a marvel to see it switch.

If you own a megabyte ST, K-SWITCH will transform the way you use it. Today.

(1 megabyte RAM required)

K-SWITCH  
TH9023 \$29.95



Construct GEM resources without spending \$300 for the Atari Developers Kit.

## K-RESOURCE™

Do you program in any of these languages? ■ C, ■ Pascal, ■ Modula 2, ■ Fortran, ■ Lisp.

Now you can write professional GEM programs with custom icons and dialog boxes—without spending an

arm and a leg. K-RESOURCE makes creating menus, icons, and screen dialogs easy. More powerful than the original DRI Resource Construction Set, K-RESOURCE is also compatible with all other .RSC files.

K-RESOURCE  
TH9024 \$49.95

NOTE: Take a look at the ATARI ST GEM PROGRAMMERS REFERENCE from Abacus on page ST-15. It's the perfect companion to K-RESOURCE.

NOW! AVAILABLE FOR USE WITH STEREO TEK GLASSES

### LCS WANDERER™

by Pyramide Software  
Deep space has never been so real!

LCS WANDERER is the first ST game designed for full-depth stereo. Written in France, but set in outer space, this stunning arcade adventure transports you through galactic Space sectors, Black holes, and Limbo. Startlingly realistic, stereo point-of-view animation puts you in the cockpit as you swoop and dive through star fields while dodging enemy craft. (Requires StereoTek glasses, see page ST2.)

This is no ordinary space shoot-em-up. The bizarre, complex plot involves the ruthless kidnapping of every cat on earth. As you wander through space, collecting purloined pussycats, you run across the Heads of State of the Planetary sectors with

whom you must play interstellar poker. LCS WANDERER is a complex, multimodal program—really several games in one. Journey from the dogfights in the Space sectors to the interstellar poker strategies, from the Battlezone-style of the Planetary sectors to the stereo tunnel of the Black holes, and Limbo... well, there's always Limbo.

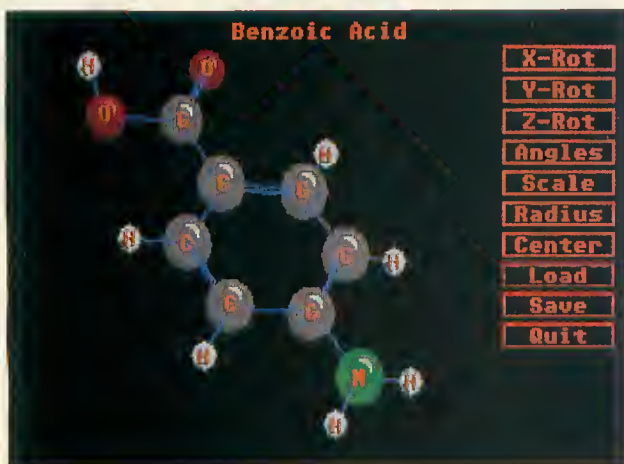
The liquid-crystal clarity of the StereoTek glasses transforms LCS WANDERER into a multi-colored micro universe within your monitor. Includes a completely redesigned solid-surface cockpit, full 16-color displays, and reduced eye-fatigue compared to the original red/blue version.

(Requires color monitor and StereoTek glasses)  
LCS WANDERER  
ST0238 \$39.95

Battlezone™ Atari Corp.



# Save \$14920.05



### SNEAK PRODUCT PREVIEW

#### STEREO MOLECULAR MODELER

by Scott Legrand

We're so excited about this product, we're slipping a sneak preview into The Catalog to keep you up to date on our development. STEREO MOLECULAR MODELER operates with the StereoTek glasses to present full-color, accurate molecular models in full-depth stereo on your ST. Stereo vision is an extremely important element in the understanding of molecular structure where, often, two-dimensional representation is misleading.

Our STEREO MOLECULAR MODELER system creates accurate stereo models which you may edit and manipulate in swift, real-time animation—rotate around all three axis, zoom in and out, and adjust

the sphere diameters for better viewing of inner structures.

STEREO MOLECULAR MODELER also creates animation files for the Cybermate animation language, and you may save your pictures in NeoChrome format, or DEGAS Elite format for later enhancement as stereo molecular art.

This package will also be a great help to chemists, teachers, students, artists, and the Just Plain Curious. Any comparable system would cost you over \$15,000, but we'll save you some money. (See price below.)

(not available)  
(Requires color monitor and StereoTek glasses)  
STEREO MOLECULAR MODELER

ST0239 ~~\$15,000~~

NOW! Only \$79.95

24 hours a day  
800-443-0100, ext. 133  
(Continental U.S. and Hawaii) Visa/MC Only  
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PHASAR IS THE STANDARD BY WHICH OTHER FINANCIAL PACKAGES WILL BE MEASURED

IBM AND AMIGA USERS SAY:

"The first home accounting package I have found in five years that is actually usable."  
—Mark Baldwin, Littleton, CO

"I am enjoying your tutorial almost as much as I admire the power and versatility of the software itself."  
—Joe Joyce, Huntington, VT

# PHASAR

Professional Home Accounting System and Register by Marksman Technology

WHAT PHASAR IS: A friendly, GEM-based, single-entry accounting system that will make your life easier. PHASAR is fast, sophisticated and contains the best interface programming design we've seen in any ST applications program.

## GENERAL FEATURES

- 130 expense/income categories
- 40 accounts (VISA, checking, etc.)
- Up to 500 transactions per month
- Custom check printing
- A.I. parser predicts input, minimizes typing
- Instant help messages with right mouse button
- Relational design integrates financial data

## TRANSACTIONS

- Automatic transfers between accounts
- Split-category transactions
- Create transaction macros for repetitive entries
- Point-and-type spreadsheet-style relational summary update

## FINANCIAL ANALYSIS

- Easy budget setup and maintenance
- Analyze loan/savings plans
- Display multiple loans simultaneously for easy comparison

## DATE/ADDRESS ORGANIZER

- Store up to 250 names, addresses and phone numbers
- Integrated scheduler stores special occasions
- Display calendar with highlighted special occasions
- Optional auto-alert reminds you of important events

## RECONCILIATION

- Display outstanding transactions for any account
- Confirm transactions with single keystroke

## REPORTS

- Clearly formatted printed reports include:
  - Account Summaries
  - Category Summaries
  - Net Worth Statement
  - Tax Calculations
  - And more . . .
- Display or print total income/expenses, monthly or year-to-date
- Sort categories in any order
- Built in data graphing
- Compatible with A-CHART

## TAX

- Design your own tax forms—never out of date
- Calculate tax liability in less than one minute
- Project tax liability at any time

PHASAR  
ST0237 \$89.95



An Electronic Jewish Mother Created by a Former Playboy Cartoonist!

Written by Yakov Kirschen and Just For You, Inc.

### MOM and ME™

Just think. Your own computerized Jewish mother—on-screen in an over-stuffed chair; knitting, cajoling, dispensing advice, and offering you encouragement—or making you feel guilty, of course. She'll speak to you by name and brag about you to your friends.

monochrome/color  
ST0204 \$19.95

### MURRAY and ME™

Some people don't want a Jewish mother. How 'bout a Jewish uncle? The London Times called MURRAY "the first in a new generation of Biotoons"—computerized, interactive cartoon characters. MURRAY is always ready to cheer you up when you're feeling blue.

monochrome/color  
ST0203 \$19.95

### HARD TO FIND CABLES ONLY \$19.95



**THE CATALOG** has premium quality shielded cables with gold contacts.

What makes these cables so special? They have the unique non-standard Atari connectors and provide the length that can free-up your workstation

of awkward peripheral arrangements.

**520 ST**  
6' ST Micro floppy disk drive cable (SF354 and SF314 drives)

**PH0003 \$19.95**

6' ST to printer cable

**PH0001 \$19.95**

5' ST to modem cable

**PH0002 \$19.95**

**800/XL/XE**

10' Atari standard peripheral cable (Serial/SIO connector)

**PH0006 \$19.95**

5' 850 Interface to printer cable

**PH0004 \$19.95**

5' 850 Interface to modem cable

**PH0005 \$19.95**

### ST ARCHIVES

#### START BACK ISSUES AND ANTIC COMPENDIUMS

GET YOUR ST LIBRARY OFF TO A GOOD **START!** Back issues of START, The ST Quarterly are now available. You can order either the magazine, or the START disk—or both. Be sure and get them all now while we still have them in stock. (Issue #1 is in very limited supply. If you want that one, don't linger.) Magazines are only \$4.00 each, disks are \$10.95 (shipping and handling included).

		MAGAZINE #	DISK #
START #1	SUMMER '86	SMS0686	SDS0686
START #2	FALL '86	SMS0986	SDS0986
START #3	WINTER '86	SMS1286	SDS1286

#### AND—THE ANTIC ST RESOURCE COMPENDIUM

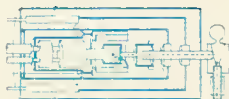
A complete collection on 3 1/2" disk of all the programs appearing in the ST RESOURCE section of ANTIC Magazine from the very first issue. Each disk is packed with example source code and runnable programs. \$10.95 each.

	ISSUES	DISK #
ST RESOURCE COMPENDIUM #1	8/85-1/86	SB0101
ST RESOURCE COMPENDIUM #2	2/86-5/86	SB0102
ST RESOURCE COMPENDIUM #3	6/86-9/86	SB0103



"If you're familiar with Autocad for the IBM PC... you'll feel right at home with The Graphic Artist."  
—Antic Magazine

## the Graphic Artist®



Originally sold for \$495.00.  
Now available for \$199.95

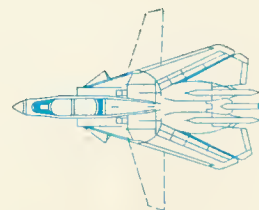
### THE GRAPHIC ARTIST

This object-oriented drafting system features a unique spreadsheet foundation and menu-driven interface for beginning users. Complex macro-programming language offers complete control for professionals.

24 hours-a-day **800-443-0100, ext. 133**  
(Continental U.S. and Hawaii) Visa/MC Only  
**ORDER TOLL FREE**

Supports high-resolution dot-matrix printers, plotters, and laser printers. The two examples shown here were created by The Graphic Artist and were used to illustrate plotter output for the Autumn Catalog's CAD-3D plotter driver. Includes detailed 400-page manual, 2-disk set.

**THE GRAPHIC ARTIST**  
TH9028 \$199.95

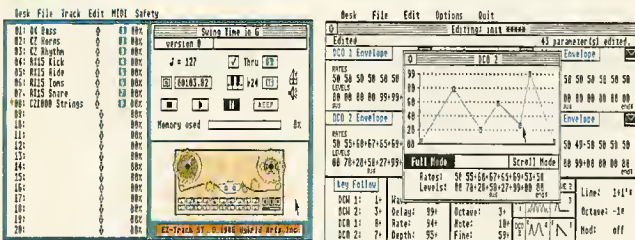


**PCA** PROGRESSIVE  
COMPUTER  
APPLICATIONS

**PROFESSIONAL MIDI MUSIC SOFTWARE FOR EVERYONE!**

**NEW!**

FROM  **Hybrid Arts, Inc.™**



The patch librarian, editor and sound generator for the CASIO CZ synthesizer series and Atari ST.

**CZ-Android™**

Completely professional MIDI software designed specifically for your CASIO CZ synthesizer. CZ-Android actually **helps you program** your CASIO CZ synthesizer. Then save thousands of your lush new patches with the 20,000-patches-per-disk librarian. Plus, you can edit all CZ parameters either **graphically** or numerically. The unique **Android programmer** lets you listen to thousands of new, original sounds and select the ones you like: to use right away, for graphical editing, or to save for later use. Get the most out of your instrument!

TH9031 \$99.95



The 20-track polyphonic MIDI recorder for the Atari ST.

**EZ-Track™**

This is the finest, moderately-priced MIDI software we've seen—and by an experienced firm with a strong music background. Easy to use, but no toy! With EZ-Track, you can make multitrack recordings in real time or step time, save them to disk, then play them back in perfect sync. Professional features include: Real-time solo and muting of tracks, quantizing (auto-correcting) of timing, instant transposition of entire song and much more. Memory capacity is over 27,000 notes on the 520ST and over 63,000 on the 1040ST—very flexible MIDI control.

TH9029 \$65.00

**MIDI CABLES**

High-quality MIDI spec. cables in 5 foot length.

TH9032 \$3.95 each

The sheet-music printout program for the Atari ST.

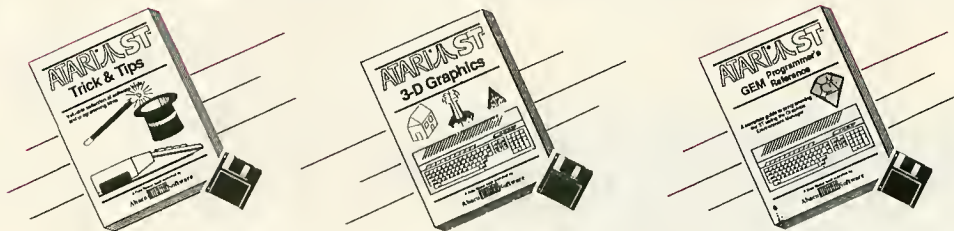
**EZ-Score™**

This utility program translates EZ-Track song files into sheet music on the ST screen. You can then add lyrics and chord symbols as well as define the chart format. Most popular printers are supported.

TH9030 \$99.95

**ABACUS BOOK 'n DISK PAKS**

**NEW!**



**ATARI ST TRICKS AND TIPS**

Learn by example! This book contains a very important collection of ST programming tools and techniques, including: RAMdisk, print spooler, color print screen dump, and plotter output driver. Discover how to make brilliant graphic displays, use the VDISYS commands and master the powerful world of GEM applications, refine your BASIC, assembler and C programs with advanced programming techniques. 260 pages, single-sided disk.

TH9034 \$29.95

**ATARI ST 3-D GRAPHICS**

Learn ultra-fast 3-D graphics techniques in 68000 machine language. Teaches 3-D rotation, zooming, mathematics, and data structures. Topics include: transformation of one-dimensional figures to 3-D, hidden line removal, shading, and an introduction to 3-D computer-aided design. Features a 3-D patternmaker and animator. 351 pages, single-sided disk.

TH9035 \$34.95

**ATARI ST GEM PROGRAMMERS REFERENCE**

If you don't have the \$300 Atari Developer's Toolkit, you will need this indispensable guide for the serious ST programmer. Detailed information about GEM written specifically for the Atari ST in an easy-to-follow

format. Topics include: programming the VDI, AES, and GDOS, interfacing with TOS, how to choose the right programming language, and an introduction to C and assembly language. Includes a disk packed with example programs. 412 pages, single-sided disk.

TH9033 \$29.95

You Can Count On  **Abacus Software**

## ST PUBLIC DOMAIN SOFTWARE

### SOLID SOURCE CODE

Features Jim Luczak's VDI SAMPLER and C PRIMER, which demonstrates C programming techniques and the use of VDI functions and their C BINDINGS. BICALC, a desk accessory Binary-Hexadecimal-Decimal calculator. Plus two very fast versions of LIFE, written in Assembler.

PD0079 \$12.00

### ARChive Collection

A collection of tools for manipulating archives—multiple files combined and compressed into single library files for later extraction and use. Includes TOS-based ARC, TTP (with generic C source code), ARC-SHELL (with full Modula-2 source code), a GEM-based front end program, and full documentation of the programs and their standard "ARC" file format, as used with the Amiga, MS-DOS, and Compuserve's Atari Forums.

PD0094 \$12.00

### UNITERM—TEK/DEC Terminal Emulators

UNITERM, written by Simon Poole, is a public domain GEM-based terminal emulator supporting complete VT100 and Tektronix 4010/4014 modes (with zoom), as well as ASCII file-transfers and other features. Also included on the disk, both with full C source code, are WTERM II, a GEM-based Tektronix 4010 emulator that is compatible with Thunder! in terminal mode, and the XMODEM program for error-free downloads.

PD0091 \$12.00

### ST BASIC/LOGO SAMPLER

BASIC: Includes MIDIREC.BAS—a simple MIDI sequencer and sample song files, BG.BAS—backgammon, Fractals in BASIC, Biorythm's, and more. LOGO: Nearly a dozen useful routines including complex graphics. Plus two bonus desk accessories.

PD0078 \$12.00

### S/Terminal plus SOURCE!

PD0057 \$12.00

*"Enhanced version with fill and palette functions."*

### ST DOODLE plus SOURCE

PD0058 \$12.00

### XLISP

XLisp, written by David Betz, is a version of the LISP programming language on the Common LISP standard with extensions for object-oriented programming. Applications written in XLisp on the ST can be run as-is on many systems for which XLisp has been implemented, including Amiga, Macintosh, MS-DOS, CP/M-86, CP/M-68K, CP/M 2.2, VAX/VMS, and Unix. Includes 43-page manual and full C source code on disk.

PD0084 \$12.00

### PROFF

PROFF is a text formatter similar to popular mini-computer tools like RUNOFF and TROFF. PROFF takes input from standard ASCII text files with embedded formatting commands and produces fully-formatted output files, including boldface and underlining effects that reproduce on any dot-matrix printer—just print from the GEM Desktop! Includes 37-page manual and full C source code.

PD0089 \$12.00

### MicroEMACS Collection

MicroEMACS, originally developed by David Conroy, is a popular implementation of a useful subset of the EMACS text editor used on mini-computers. This disk includes an excellent version by Moshe Braner, with documentation and full C source code, as well as a version by Dan Lawrence that supports 40-line editing with the SM124 monochrome monitor.

PD0090 \$12.00

### CAD-3D COLLECTION I

The first collection of complex objects created by Tom Hudson with CAD-3D. Includes: MONITOR (Atari SM124 monitor), ALPHOM (Alpha when viewed from one angle, Omega when viewed from another!) STARSHIP (Starship Enterprise), OUTLET (exploded view of electrical wall outlet), HELMET (16th century Japanese battle helmet), and more!

(requires CAD-3D ST0214)

PD0085 \$12.00

### ST FRACTALS plus SOURCE!

Uses Mandelbrot algorithm to draw fractals in GEM windows in any resolution. Then zoom in with 2x, 4x, 8x, or 16x magnification. Change fractal iteration values and rescale fractals to enhance their color. Then save your fractal picture to disk. Includes all "C" source and object files. PLUS, a half dozen other fractal programs that use different algorithms and display techniques.

PD0068 \$12.00

### ADVSYS

ADVSYS, written by David Betz, is a complete Lisp-like language for creating text adventure games. It offers special facilities for giving descriptions, parsing user-input sentences, and handling objects and actors. Includes complete docs on disk, as well as "Starship Columbus," a completely documented sample adventure that's also fun to play!

PD0092 \$12.00

### SPELL/Writer's Tools

SPELL, written by Eric Bergman-Terrell in Personal Pascal, is a simple spelling-checker for ASCII or Ist-Word files. It scans your document, reporting incorrect words and allowing you to add them to the program's unlimited-size dictionary.

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Work with the entire picture or just area you want. PICTURE PLUS will merge two pictures, reverse a picture left to right (for T-Shirts), turn it upside down, move it in any direction, make a negative, or change colors. Add text anywhere on the picture, in any color(s) and any font(s), in 6 sizes.

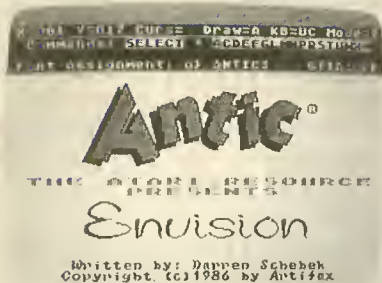
PICTURE PLUS will print screens in 4 sizes from 3" x 4" to 8" x 14". Directly supports printers compatible with Epson, Gemini, Prowriter,

Okidata, color IDS, and color Mannseemann Tally. Custom Printer installation program handles most others.

LISTER PLUS will print anything exactly as it appears on your screen including control characters, inverse letters, custom character sets, and character graphics. These two packages formerly sold for over \$30 each.

**REQUIRES:** 48K RAM, Atari BASIC

**OPTIONAL:** Dot Matrix Graphics Printer  
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ENVISION has over 50 commands giving you total control over the Atari's 6 incredible text modes. Print out your pictures, do fancy typesetting. Envision also supports GTIA

modes 9 & 11. A special utility converts microscreens to character graphics that are indistinguishable from the original. ENVISION is a brand new art medium and much more. It will create stand-alone pictures or produce BASIC and Assembler SOURCE CODE, a programmer's dream come true. On the 130XE, Envision supports 16 simultaneous fonts.

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**OPTIONAL:** BASIC, MAC/65, SynAssembler, Epson-compatible printer  
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by *Charles Jackson and Darryl May*

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**REQUIRES:** Print Shop

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"The SPEEDREAD+ program was more rigorous and more challenging than the commercial course I took. It was also more fun . . . Performance-excellent; Documentation-good; Ease-of-use-excellent; Error handling-excellent." *Infoworld magazine*

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by Harry Koons

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**OPTIONAL:** One Joystick  
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## ASTROLOGY

by Harry Koons and Art Prag

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**REQUIRES:** Atari BASIC, Joystick  
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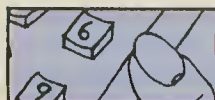
Double Density Disk  
Sector Editor

by Mike Fleishman

Complete disk editor for single and double density drives. Restore, salvage, disassemble, and edit data.

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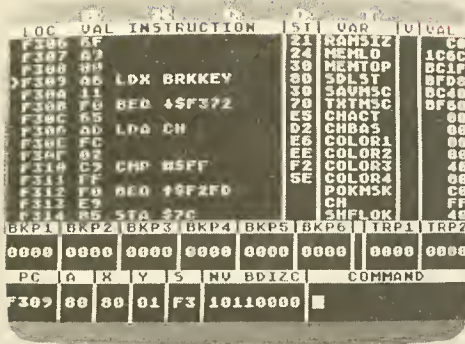
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(Toolkit And Integrated Library)

*by Ed Churnside*

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here for text parsing and string formatting, memory and bit manipulation, timing, I/O, graphics editing and compressing, animation, and more. It even does windows. There is the powerful SCRLD which will write your program for you. Like the man said, "If it ain't here, you don't need it." All this and the SOURCE CODE for DRAGON QUEST as a demo. Good programs for the Atari XL/XE are getting harder to find. Write your own.

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by Mike Fleishmann

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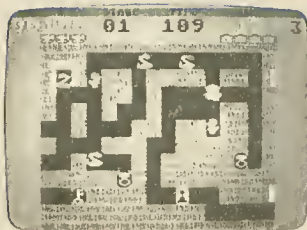
by Monty Webb

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by Jose Suarez

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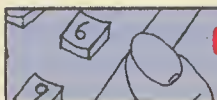
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	DEC	NEW PRODUCT GUIDE	13/60K	AMS1283	ADS1283
'84	JAN	PRINTER SURVEY	12/54K	AMS0184	ADS0184
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	MAR	WORLDWIDE USERS ISSUE	14/60K	AMS0384	ADS0384
	APR	ATARI GAMES—	15/59K	AMS0484	ADS0484
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	MAR	ULTIMATE PRINTER GUIDE	8/61K	AMS0385	ADS0385
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	JULY	COMPUTER CHALLENGES	8/145K	AMS0785	ADS0785
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	SEPT	POWER PROGRAMMING	10/60K	AMS0985	ADS0985
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	JULY	COMPUTER ARTS	10/160K	AMS0786	ADS0786
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	OCT	HARD DISKS	11/158	AMS1086	ADS1086
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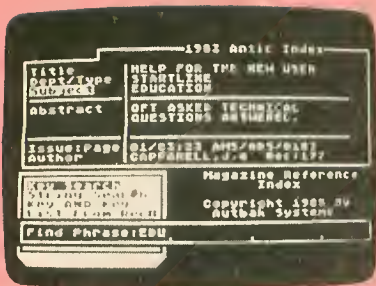
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